

TWENTY-FIRST
ANNUAL * REPORT

OF THE

Sanitary Condition

OF THE

POOLE RURAL DISTRICT,

COMPRISING THE PARISHES OF

CANFORD MAGNA, KINSON, LYTCHETT MINSTER
AND LYTCHETT MATRAVERS,

For the year ended 31st Dec., 1906.



WILLIAM THOMAS GARDNER ROBINSON,

M.D., &c. (GLASGOW), D.P.H. (CAMBRIDGE),

MEDICAL OFFICER OF HEALTH.

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POOLE RURAL DISTRICT COUNCIL.

GENTLEMEN,

I have the honour of submitting to you the Twenty-first Annual Report of the Sanitary Condition and Vital Statistics of the Rural District of Poole, which includes the parishes of Canford Magna, Kinson, Lytchett Minster and Lytchett Matravers.

AREA.—The area of the whole district is 17,353 acres (exclusive of 94 acres covered by water), made up as follows :—

			ACRES.
Canford Magna	-	-	7,846
Kinson	-	-	2,769
Lytchett Minster	-	-	3,325
Lytchett Matravers	-	-	3,413
			<hr/>
			17,353
			<hr/>

POPULATION.—The population of the district according to the census of 1901 was 4,779. The estimated population at the middle of 1906 was 5,140.

The number of inhabited houses at the census 1901 was 1,081, the average number of persons per house being 4·4.

BIRTH RATE.—The total number of births registered during the year was 136—65 males and 71 females. The average rate per 1,000 of the population was 26·4, which is slightly better than last year. The average for the previous decennial period was 27·8.

DEATH RATE.—The total number of deaths for the year was 83—37 being males and 46 females—the largest number registered for years, and giving a general death rate of 16·1 per 1,000. This rate is 3·1 above the decennial average. The large number of deaths of old people over 65, viz., 37, accounts for the increase.

The average age at death was 48 years, and for the two Lytchetts 58. In these parishes eight of the 30 deaths occurred at over 80, three being over 90.

The principal causes of death were:—

Tuberculosis	-	12,	equal to 1.4 per 1000.
Heart Diseases	-	12,	„ 1.4 „
Pneumonia, and other respiratory affections	}	15,	„ 1.8 „
Cancer	-	4,	„ .48 „

INFANT MORTALITY.—The number of deaths of infants under one year was 10, an increase of two over last year. The infantile death rate per 1,000 births registered was 73.5. Premature birth was returned as the cause of death in two cases, and measles in one case. One death at six months from convulsions was uncertified.

ZYMOTIC DISEASES.—The number of notifications received was seven—a great decrease on previous years:—

Diphtheria	-	-	2 cases.
Scarlet Fever	-	-	3 „
Erysipelas	-	-	2 „

one from Canford Magna, five from Kinson and one from Lytchett Minster.

DIPHTHERIA.—The two cases of this disease occurred in one house at Kinson. The house was a new one, and the water used was from a brook near at hand. The second case arose from direct contagion from the first by kissing. Both cases were mild ones and made satisfactory recoveries.

SCARLET FEVER.—One case at Wallisdown, removed to the Isolation Hospital, also one from Lytchett Minster. The last case was an imported one from Portsmouth. In all three cases disinfection by Formalin was carried out.

ERYSIPELAS.—Two cases were notified, both of an ordinary mild type.

MEASLES.—Two deaths from measles were recorded during the year—both young children.

WHOOPING COUGH caused one death at three years at Lytchett Minster.

TUBERCULOSIS.—Twelve cases were registered under this heading, two being over 65. No requests for disinfection after death for this affection have been received during the year.

WATER SUPPLY.—Several houses in the Wallisdown neighbourhood have had the public water supply laid on during the year. Several wells have been inspected, and being in need of cleansing and attention. I have met the owners, who have seen to the matter in a satisfactory manner.

SEWERAGE AND DRAINAGE.—In this district there is none.

EXCREMENT DISPOSAL.—Mainly carried out by the dry earth system and by cesspool. The latter method has been the object of much anxiety at Broadstone during the year, owing to the defective methods adopted in some cases for emptying and disposing of the contents. An efficient and modern sanitary cart is now in working order in the place.

HOUSING OF THE WORKING CLASSES.—No cases of insanitary dwellings were reported; but stopped drains, etc., near the well where the inhabitants of some cottages at Upton got their water supply were reported. The whole has now been put into a thoroughly satisfactory state.

DAIRIES AND COWSHEDS.—These have been inspected throughout the district, and found in good condition on the whole. Only in three instances was anything requiring attention, and this has been done as requested. Many of the largest dairies are excellent in every way.

SLAUGHTER AND BAKEHOUSES have all been duly inspected, and on the whole, are in good condition.

ISOLATION HOSPITAL.—Taken over by the Poole Town Council. Only two cases admitted from the district during the year—both did well, the time of stay for each being 42 days.

SCHOOLS.—These have been inspected and visited as occasion required. Measles appeared in the summer and autumn at Broad-

stone, Upton, Lytchett Minster and other places, of a mild type. The schools were closed for varying periods. Chicken Pox also caused closing at Upton C.E. School and Lytchett Minster County School.

In order to become thoroughly acquainted with the various conditions likely to affect the public health, I have made frequent visits to various and out of the way places to satisfy myself as to certain alleged evils. The throwing of soap-suds on the highway in one place, manure heaps too near the back doors in another, and other evils have received attention and been remedied.

Nothing further remains but for me to thank the members of the District Council for their assistance and support afforded me during the year.

I am, Gentlemen,

Your obedient servant,

W. T. GARDNER ROBINSON, M.D.

163, HIGH STREET, POOLE,

1st March, 1907.

TABLE I.
VITAL STATISTICS OF WHOLE DISTRICT DURING 1906
AND PREVIOUS YEARS.

Year.	Population estimated to middle of each year.	BIRTHS.		Total number of DEATHS			
				Under 1 year		At all ages	
		No.	Rate*	No.	Rate*	No.	Rate*
1896	4157	131	32	9	68.7	57	12.1
1897	4235	130	30.4	12	92.3	63	14.7
1898	4303	141	22.7	10	70.8	59	13.7
1899	4390	133	30.2	13	97.7	66	15
1900	4423	112	25.3	6	53.5	53	11.9
1901	4779	116	24.2	11	94.8	49	10.2
1902	4821	123	25.5	17	138.2	77	15.9
1903	4891	139	28.4	12	86.3	55	11.2
1904	4970	122	24.5	14	114.7	68	13.7
1905	5047	128	25	8	62.5	56	11
Averages for years 1896—1905	4601	127	27.8	11	87.9	60	13
1906	5140	136	26.4	10	73.5	83	16.1

*Rates calculated at per 1,000 of estimated population.

TABLE II.

VITAL STATISTICS OF SEPARATE LOCALITIES IN 1906 AND PREVIOUS YEARS.

YEAR.	CANFORD MAGNA.				KINSON.				LYTCHETT MINSTER.				LYTCHETT MATRAVERS.			
	Population estimated to middle of each year	Births registered	Deaths at all ages	Deaths under 1 year	Population estimated to middle of each year	Births registered	Deaths at all ages	Deaths under 1 year	Population estimated to middle of each year	Births registered	Deaths at all ages	Deaths under 1 year	Population estimated to middle of each year	Births registered	Deaths at all ages.	Deaths under 1 year
1896	1526	39	15	3	836	55	19	4	982	16	10	1	813	21	7	1
1897	1551	31	15	5	857	57	28	5	990	25	12	1	837	17	8	1
1898	1562	33	17	3	897	56	19	3	1004	30	12	1	840	22	11	3
1899	1582	30	21	3	927	54	24	6	1023	31	14	4	858	18	7	0
1900	1588	31	14	2	951	58	18	4	1024	12	11	0	800	11	10	0
1901	1524	41	18	4	1752	43	14	4	863	15	10	2	640	17	7	1
1902	1534	31	21	5	1778	57	31	9	866	18	15	3	647	17	10	0
1903	1557	35	19	3	1812	60	19	5	870	24	8	1	652	20	9	3
1904	1569	36	27	3	1852	54	23	9	886	16	10	1	663	16	8	1
1905	1585	33	17	..	1906	62	21	5	892	19	12	2	664	14	6	1
Averages of Years 1896 to 1905	1557	34	18	3	1356	55	21	5	940	20	11	1.6	741	17	8	1
1906 ..	1607	34	23	3	1972	55	30	6	895	28	22	1	666	19	8	..

TABLE III.
CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE YEAR 1906.

NOTIFIABLE DISEASE.	Cases Notified in the whole District.				Total Cases Notified in each Locality.			No. of Cases removed to Hospital from each locality.		
	At all ages.	At Ages—Years.			Canford Magna.	Kinson.	Lyttchett Minster.	Canford Magna.	Kinson.	Lyttchett Minster.
		5—15	15—25	25—65						
Diphtheria ..	2	1	1	..	..	2	..	..	..	..
Erysipelas ..	2	..	..	2	..	2	..	..	..	..
Scarlet fever ..	3	2	1	..	1	1	..	..	1	1
TOTAL ..	7	3	2	2	1	5	1	..	1	1

ISOLATION HOSPITAL; ALDERNEY, WITHIN THE POOLE URBAN DISTRICT.

TABLE IV.

CAUSES OF, AND AGES AT, DEATH DURING THE YEAR 1906,

CAUSES OF DEATH.	DEATHS AT SUBJOINED AGES IN WHOLE DISTRICT.						
	All ages.	Under 1 year	1 and under 5	5 and under 15	15 and under 25	25 and under 65	65 and upwards
Measles	2	1	1	..	..	..	..
Whooping Cough	1	..	1	..	..	..	..
Diarrhœa	1	..	..	..	..	1	..
Other Septic Diseases	1	..	..	..	..	1	..
Phthisis (pulmonary tuberculosis)	6	..	..	..	..	4	2
Other tubercular diseases	6	1	1	2	2	..	..
Cancer, malignant disease	4	..	..	..	..	3	1
Bronchitis	5	1	1	..	..	..	3
Pneumonia	8	2	2	..	..	2	2
Pleurisy	1	..	..	..	..	1	..
Other diseases of Respiratory Organs	1	..	..	..	..	..	1
Premature Birth	2	2	..	..	..	..	..
Diseases and Accidents of Parturition	1	..	..	..	..	1	..
Heart diseases	12	..	..	..	..	5	7
Accidents	2	..	1	..	1	..	..
Suicides	1	..	..	..	..	1	..
Jaundice	1	1	..	..	..	..	..
Diabetes	1	..	..	..	..	..	1
All other causes	27	2	2	..	..	3	20
All causes	83	10	9	2	3	22	37

TABLE V.

INFANTILE MORTALITY DURING THE YEAR 1906.

CAUSE OF DEATH.	DEATHS FROM STATED CAUSES IN WEEKS AND MONTHS UNDER ONE YEAR OF AGE.									Total Deaths under 1 year
	Under 1 Week	2-3 Weeks	Total under 1 Month	1-2 Months	2-3 Months	6-7 Months	7-8 Months	10-11 Months	11-12 Months	
Measles .. ..	..	..	..	..	..	..	..	1	..	1
Premature Births ..	1	..	1	1	..	..	..	..	..	2
Atrophy, Debility, Marasmus ..	..	..	..	..	..	..	1	..	..	1
Other Tuberculous diseases ..	..	..	..	..	..	..	..	..	1	1
Convulsions .. ..	..	..	..	..	..	1	..	..	..	1
Bronchitis .. ..	..	..	..	..	..	..	..	..	1	1
Pneumonia .. ..	..	1	1	..	1	..	..	..	..	2
Other causes .. ..	..	1	1	..	..	..	..	..	..	1
	1	2	3	1	1	1	1	1	2	10

COUNTY OF DORSET.

THE RURAL SANITARY DISTRICT OF POOLE.

Return relating to Sanitary Work within the above District during the year ending 31st December, 1906.

Number of Complaints received during the year	-	-	10
Number of Inspections of Houses, Premises, &c.	-	-	31
Special Inspections of Piggeries, &c.	-	-	12
Special Inspections of Workshops	-	-	6

RESULTS OF INSPECTIONS—

Orders issued for Sanitary Amendment of Houses and Premises	-	-	-	-	-	-	6
Houses, Premises, &c., Cleaned, Repaired, Whitewashed, &c.	-	-	-	-	-	-	1
Houses Disinfected after Infectious Illness	-	-	-	-	-	-	6

HOUSE DRAINS—

New provided	-	-	-	-	-	-	12
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MISCELLANEOUS—

Removal of Accumulations of Manure, Animal and other Refuse	-	-	-	-	-	-	4
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REMARKS—

Bakehouses and Slaughterhouses inspected quarterly, and whenever passing.

Forty-five Plans for New Buildings and Additions to present Buildings were approved during the year.

H. F. J. BARNES,

Inspector.

5th March, 1907.

